

UNIT TERMINAL OBJECTIVE

- 1-3 At the completion of this unit, the EMT-Critical Care Technician student will be able to understand the basic principles of pharmacology and be able to develop a drug profile for common emergency medications.

COGNITIVE OBJECTIVES

At the completion of this unit, the EMT-Critical Care Technician student will be able to:

- 1-3.1 Review the specific anatomy and physiology pertinent to pharmacology. (C-1)
- 1-3.2 Discuss the standardization of drugs. (C-1)
- 1-3.3 Differentiate among the chemical, generic (nonproprietary), and trade (proprietary) names of a drug. (C-3)
- 1-3.4 List the four main sources of drug products. (C-1)
- 1-3.5 Describe how drugs are classified. (C-1)
- 1-3.6 List the authoritative sources for drug information. (C-1)
- 1-3.7 Discuss special consideration in drug treatment with regard to pregnant, pediatric and geriatric patients. (C-1)
- 1-3.8 Discuss the EMT-Critical Care Technician's responsibilities and scope of management pertinent to the administration of medications. (C-1)
- 1-3.9 List and describe general properties of drugs. (C-1)
- 1-3.10 List and describe liquid, solid, and gas drug forms. (C-1)
- 1-3.11 List and differentiate routes of drug administration. (C-3)
- 1-3.12 Differentiate between enteral and parenteral routes of drug administration. (C-3)
- 1-3.13 Describe mechanisms of drug action. (C-1)
- 1-3.14 List and differentiate the phases of drug activity, including the pharmaceutical, pharmacokinetic, and pharmacodynamic phases. (C-3)
- 1-3.15 Describe pharmacokinetics, pharmacodynamics, theories of drug action, drug-response relationship, factors altering drug responses, predictable drug responses, iatrogenic drug responses, and unpredictable adverse drug responses. (C-1)
- 1-3.16 Discuss considerations for storing drugs. (C-1)
- 1-3.17 List the components of a drug profile. (C-1)
- 1-3.18 List and describe drugs which the EMT-Critical Care Technician may administer in a pharmacological management plan according to local protocol. (C-1)
- 1-3.19 Discuss procedures and measures to ensure security of controlled substances the EMT-Critical Care Technician may administer. (C-1)

AFFECTIVE OBJECTIVES

At the completion of this unit, the EMT-Critical Care Technician student will be able to:

- 1-3.20 Defend medication administration by an EMT-Critical Care Technician to effect positive therapeutic affect. (A-3)

PSYCHOMOTOR OBJECTIVES

None identified for this unit.